

Date	Change
15 Mar 2002	Changed look angles for all former EutelSat, now HotBird 4 customers.
18 Mar 2002	Changed drawings to photographs in chapter 4.
19 Mar 2002	Added item 14 (computer programs) to Fazzt requirements in chapter 7. Added appendix D.
30 Mar 2002	Added figure 3-8, edited figure 3-3 graphics.
1 Apr 2002	Published Version 2.00
18 Apr 2002	Removed IntelSat 702 data and added INTELSAT 804 in Appendix D and chapter 3.
19 Apr 2002	Corrected labels and references to figures 4-7, 4-8, and 4-9 (now 4-10). Fixed figures 4-6, 4-7, and a bug with "list 2" style.
23 Apr 2002	Removed IntelSat 702 data from Pacific sites not covered by INTELSAT 804 in Appendix C. Added links to coverage maps in Appendix D.
24 Apr 2002	Reformatted figure labels and numbering of tables in chapter 4.
25 Apr 2002	Updated virtual channel guide changing Channel Guide to Program Guide. Added AFN prefix to some services. Corrected chapter 7's figure and table labels.
9 May 2002	Fixed wiring error in figure 7-2. Wiring to and from the RS-232 was reversed. Fixed label for port 4 in figure 7-7. Added missing steps 5-7 to quick set up procedure. Created Version 2.02
26 Jun 2002	Updated figures 3-5, 3-6, and 3-7
27 Jun 2002	Published version 2.02
15 Jul 2002	Removed Whitinsville uplink and replaced with Holmdel NJ for Sept '02 change.
15 Jul 2002	In chapter 7 all references to chapter three were changed to Appendix A as the virtual channel guide is now an appendix.
18 Jul 2002	Added SR-8 menu commands to chapter 7 in tables 7-2, 7-3, and 7-4.
25 Jul 2002	Reviewed chapter 2 for updates and removed Deb Weitenhagen's email from notification list.
5 Aug 2002	Moved decoder setup information from chapter 4 into appendix D. Explained Ku-band decoder L.O. setup.
6 Aug 2002	Published version 2.03
7 Aug 2002	Replaced figures 3-8, 3-9, and 3-10.
12 Aug 2002	Added DTS virtual channel information to appendix A.
3 Sep 2002	Changed Scientific Atlanta's RMA POC to Susan Ramkishun and changed contact phone number.
3 Sep 2002	Corrected data in figure 3-5.
3 Sep 2002	Updated DX procedures points of contacts changing T-ASA and HQ phone numbers.
16 Sep 2002	Changed the name of NSS-803 to NSS-7, fixed figure 3-8 changing name of GE-1 to AMC-1.
18 Sep 2002	Published version 2.04.
19 Sep 2002	Replaced figure 4-10.
19 Sep 2002	Added polarization setting instructions in chapter 4's receiver setup step-by-step procedures.
30 Sep 2002	Added how to read TIDs section to chapter 10
16 Oct 02	Changed polarization setting in chapter 4's step-by-step to H (fixed) rather than just H.
18 Oct 02	Changed NSS-7 location from to 338.0 from 338.0 degrees, fixed some minor spelling errors.
31 Oct 02	Added cues 9 and A to table 6-1 TV cues.
6 Nov 2002	Removed Fort Greeley Alaska, Panama and SCN from appendix C.
7 Nov 2002	Published version 2.05
21 Nov 2002	Changed audio services 1 and 2 on virtual channel 1 to Sports 1 (ESPN) and Sports 2 (FOX) in appendix A
21 Nov 2002	Removed IntelSat 703 and added INTELSAT 804 to Asian area of appendix C
21 Nov 2002	Removed IntelSat 804 and replaced with IntelSat 906, changed figures 3-8 and 3-11
21 Nov 2002	Fixed broken links to IntelSat's coverage maps in appendix D
25 Nov 2002	Fixed footers and page numbers in appendix Table and Headers.
25 Nov 2002	Changed audio services 2 and 3 on channel 1 in appendix A
25 Nov 2002	Published version 2.06
2 Dec 2002	Edited appendix D pointing out the difference between antenna and receiver polarity and updated NSS-7 EIRP to 30.5 dB
2 Dec 2002	Added technologist@dodmedia.osd.mil email address to notification section of chapter 2.

9 Jan 2003	Updated virtual channel guide in appendix A.
15 Jan 2003	Undated decoder authorization process in chapter 1.
16 Jan 03	Added faxable authorization form to chapter 1.
28 Jan 03	Updated virtual channel guide in appendix A.
28 Jan 03	Published version 2.07
29 Jan 03	Updated figure 3-7 in chapter 3 with proper beam shape.
6 Feb 03	Changed NSS-7 location to 338.0 in appendixes C and D and on figure 3-8 in chapter 3.
24 Feb 03	Changed DOEE e-mail addresses to DEE in chapters 2 and 10.
24 Feb 03	Published version 2.08
27 Mar 03	Added sun outage description and troubleshooting areas in chapter 4 pages 4-19 and 4-33.
3 Apr 03	Updated virtual channel guide in appendix A adding Pentagon Channel
30 Apr 03	Added description of Pentagon Channel to chapter 3
12 May 03	Updated authorization procedures in chapter 2
12 May 03	Added privilege-holding employees of companies working DoD contracts as authorized viewers in chapter 1
12 May 03	Changed AFRTS-HQ phone numbers in chapters 1 and 2.
5 Jun 03	Updated changes to AFNE radio services in appendix A.
5 Jun 03	Published version 2.09
16 Jun 03	Updated links in appendix D.
30 Jun 03	Updated reauthorization procedures to include only Pvconnect.net method in chapter 1
25 Jul 03	Changed return procedures in chapter 2 adding five options and updated table of contents.
29 Jul 03	Updated T-ASA points of contact in chapters 1 and 2 to reflect their move to the Broadcast Center
29 Jul 03	Published version 2.10
18 Aug 03	Removed FAX options for decoder activation and updated customer numbers in chapter 1.
22 Aug 03	Added Iraqi cities of Baghdad, Basra, and Mosul to Appendix C.
5 Sep 03	Updated authorization contact numbers and some formatting in Chapter 4.
8 Sep 03	Updated figure 4-5 and some of the dish setup steps in Chapter 4
9 Sep 03	Updated figure 3-6 LO frequencies in Chapter 3
2 Oct 03	Changed name from AFRTS-BC to Defense Media Center Satellite Handbook.
6 Oct 03	Broke chapter 4 in half creating a more technical chapter 4 and a step-by-step chapter 5
7 Oct 03	Continued editing chapter 5 editing figure numbers. Removed AFIS reference from chapter 1.
23 Oct 03	Continued editing in chapter 5 simplifying and grooming dish and decoder setup procedures.
18 Nov 03	Removed T-ASA references and re-labeled them as Defense Media Center.
1 Dec 03	Removed Broadcast Center references and re-labeled them as Defense Media Center.
1 Dec 03	Added California Amplifier LNB recommendation to DTS section of chapter 4.
18 Dec 03	Removed all references to Odetics from chapters 7 and 8.
4 Dec 03	Published Version 2.50
5 Jan 04	Updated virtual channel guides in appendix A for both AFRTS and AFNE adding channel 40 and some minor service changes.
14 Jan 04	Added transponder numbers and verified satellite data in appendix D and changed purchase cost in chapter 1.
15 Jan 04	Removed John Jennings from service center portion of chapter 2
20 Jan 04	Updated re-authorization procedure in chapter 1, added "Why do I need authorization" and "what to do when my decoder authorization period is up" to chapter 2.
21 Jan 04	Removed "get form" fax option from authorization procedures in chapter 1, touched up changes from 20 Jan 04.
26 Jan 04	Fixed Kabul's look angles in appendix C.
27 Jan 04	Updated links to IntelSat's web page to reflect the change of their web site in appendix D.
29 Jan 04	Updated polarization settings for commercial IRD's in appendix D.
29 Jan 04	Published version 2.51
12 Mar 04	Changed Telstar-5 to IntelSat America-5 to reflect name change in chapter 3, drawings 3-3 and 3-4, and in appendix D.
29 Mar 04	Updated Virtual Channel guide adding channels 37, 38, and 39 in appendix A
30 Apr 04	Added software download procedures for the 9834 to chapter 11, added graphics for it to chapter 5.

27 Mar 04	Added setup procedures for IRD model 9834 in chapter 5, edited chapter 2 to mention 9832 IRD
22 Apr 04	Changed chapter 2 with inputs from AFRTS-HQ including new contact phone numbers, and authorization procedures. Created version 2.60
22 Apr 04	Removed 177 country and 1.5 million service member numbers from chapter 1.
30 Apr 04	Published version 2.60
5 May 04	Updated the 9832 setup procedures choosing POLARISER for the LNB power in chapter 5.
6 May 04	Updated the trouble shooting procedures changing some of the verbiage and adding the 9834 to chapter 5.
10 May 04	Added The Pentagon Channel information to chapter 3 and appendix D
11 May 04	Removed PCS devices and replaced with cell phone interference in chapter 4.
27 May 04	Changed setup procedures for 9832 to reflect LO setting in chapter 5.
21 Jun 04	Added degrees west to IntelSat 707 and NSS-7's location.
23 Jun 04	Added Family and AFN\movies to the virtual channel guide in appendix A
7 Jul 04	Changed (909) telephone area code to (951) in chapters 1,2,5 and 11.
19 Jul 04	Publish version 2.70
26 Jul 04	Replaced IntelSat 707 with IntelSat 10-02 in appendix C and chapter 3.
12 Aug 04	Updated repair and return procedures removing all the individual points of contact and listing the URL for them as directed in chapter 2
12 Aug 04	Changed IntelSat 802 to IntelSat 804 in chapter 3 and appendix C and D.
13 Aug 04	Published version 2.71
19 Jan 05	Assumed publishing duties, updated figures 3-3, -4, and -5 to reflect the loss of IntelSat 802, addition of New Skies NSS-5 in chapter 3 and appendix D.
20 Jan 05	Published version 3.0, updated appendix D with NSS-6 data.
21 Jan 05	Updated look angles in appendix C removing IntelSat 802 data and adding NewsKies NSS-5 and NSS-6 look angles. Added pointing data in Asian section for The Philippines, Hong Kong and Indonesia. Published version 3.01
24 Jan 05	Entered data for NSS-6 and darkened footprint lines in figure 3-5 and appendix D. Put satellites in figure 3-3 into west to east order. Updated figures 3-3 and 3-8 and chapter 4 with IntelSat Americas-5 satellite name.
3 Feb 05	Changed NSS-5 receiver's setting from H and H-Fixed to V and V-Fixed.
8 Feb 05	Updated figure 5-16 and table 5-1 to assist changing pre-set numbers in Japan and Korea. Altered the trouble shooting section of chapter 5 adding the re-boot recommendation.
9 Feb 05	Lowered EIRP on NSS-5 by 7 dB to 34 dB in appendix D.
15 Feb 05	Removed TASA e-mail and plain language addresses from chapter 2's direct exchange procedures. Added note on linear and circular LNB's in appendix D.
7 Mar 05	Corrected NSS-6 location on the second page of the Asian listings of appendix C.
9 Sep 05	Created appendix E
26 Oct 05	Corrected look angles for Baghdad and Basra Iraq in appendix C.
1 Nov 05	Changed channel line-up for AFNE changing Z-FM to ZFM and Z-Rock to PowerNet, adding/renaming channels 11 to 19 and adding 132 to 203 in appendix A.
7 Nov 05	Published version 3.02
8 Nov 05	Changed channel line-up for AFNE changing channel 4's video name to Prime Pacific (SWA) and channel 43 to Vicenza Contingency in appendix A.
9 Nov 05	Published above change to channel names – kept same version number.
10 Nov 05	Added network ID 1 to Pentagon Channel's listing in appendix D
5 Jan 06	Changed address to 23755 Z Street in chapter 2
5 Jan 06	Published version 3.03
30 Jan 06	Removed Korea Channel and added AFN\Xtra Channel in chapter 3 and appendix A.
6 Feb 06	Re-published version 3.03 with above minor name change.
27 Mar 06	Added references to D9835 decoders in chapters 5 and 8.
8 May 06	Removed references of Hotbird 4 and replaced them with Hotbirds 6 and 7 in chapters 1,3,5,6,8, and appendixes C and D. Published version 3.10
10 May 06	Updated figure 3-3 to reflect name changes in satellites at 1 degree west and 13 degrees east in chapter 3. Added Vicenza's role description in chapter 3.
10 May 06	Added registered trade markings for the AFRTS logo and lettering in all chapters headers.
21 May 06	Re-published version 3.10.
21 Jun 06	Fixed table and figure numbering in chapters 7 and 8 and figure 7.1 to horizontal format. Updated list of figures and diagrams.
23 Jun 06	Removed Radio NewsWheel service and virtual channel 20 from Appendix A.
7 Jul 06	Removed references to outdated SCTE standards in chapter 6.
10 Jul 06	Received permission from the SCTE to include links to their site and Acrobat documents. Added them to chapter 6.

12 Jul 2006	Changed channel names to match branded versions i.e. "AFN/Power Talk" vice AFN/News, removed references to AFRTS-BC in chapter 3 and appendix A.
13 Jul 2006	Removed the cost estimates of the dish and decoder from chapter 1.
14 Aug 2006	Added Freedom Channel to virtual channel guides in appendix A
18 Aug 2006	Changed references from IntelSat Americas 5 to 8, updated drawings 3-3 and 3-4 in chapter 3, and pointing data in appendix C.
28 Aug 2006	Updated AFN program guide in appendix A.
5 Sep 2006	Added details on Hotbird 7a in appendix D.
20 Sept 2006	Published version 3.11
21 Sept 2006	Changed virtual channels 21 (SHAPE) and 23 (Spangdahlem) in AFNE's channel guide in appendix A.
29 Sept 2006	Changed the service from Z-FM to Eagle on AFNE channel guide for channels 2, 17, 19, 38, 41, 132, 152, 162, 172, and 182. Added audio 2 and 3 services to channel 12. Added channel 22 (Program Guide). Added Freedom channel service to channel 26. Removed channel 43. Added channels 112 (Wuerzburg), 113 (Wuerzburg), 212 (SHAPE), and 213 (SHAPE). All in appendix A.
18 Oct 2006	Added virtual channels 192 and 193 to AFNE channel guide in appendix A.
28 Nov 2006	Published version 3.12
13 Dec 2006	Updated pricing on private party decoder purchases in chapter 1.
12 Feb 2007	Updated AFNE virtual channel guide. Removed test tones from channel 10 audios 3 and 4, changed name on channel 11, 21, 23, 112, 113, 212, and 213. Added Freedom radio to channel 26 audio 2. Added virtual channels 43, 112, 142, 143, 222, and 223. Removed video service from channels 25, 33, 34, 41, and 42. Removed virtual channel 38. All changes in appendix A.
12 Feb 2007	Published version 3.13
6 Mar 2007	Updated NSS-6 service for NSS-6 dual transponder illumination, changed figures 5-9 and 5-11. Changed chapter 5 and appendix D.
12 Mar 2007	Updated Technologist phone number with the 312 pre-fix for the United States in chapter 1.
22 Mar 2007	Changed the name of IntelSat IA-8 to Galaxy 28. Changed figures for NSS-6 dual illumination. Changes in chapters 3, 5, and appendix D.
9 Apr 2007	Changed DTS link in Goonhilly to Madley. Changed chapter 3 and figure 3-8.
15 May 2007	Published version 3.15 with changes to chapters 1, 3, 5, and appendix D.
28 Aug 2007	Corrected Mali, Bamako's entry for IntelSat 10-02 to C-band vice Ku-band in appendix C.
4 Sep 2007	Updated virtual channel guide: removed radio services Hot AC, Z-Rock, and NPR International from channels 11, 20, 21, and 22.
28 Jan 2008	Changed satellite frequencies for Newsies NSS-7 and IntelSat 906, updated maps to reflect new DTS uplink sites in chapter 3 and appendix D.
29 Jan 2008	Added second transponder for NSS-5 and NSS-6 satellites in appendix D
29 Jan 2008	Published version 3.20
29 Jan 2008	Changed DTS domestic from AMC-1 to IntelSat 707 in appendix D
7 Feb 2008	Updated point of contact for private purchase decoders to afn1 in chapter 1.
26 Mar 2008	Added 312 dialing prefix to the DSN contact numbers in chapters 1 and 2.
26 Mar 2008	Published version 3.21
28 Mar 2008	Corrected figure 3-8 frequency for AOR in chapter 3 and appendix D.
11 Dec 2008	Updated AFNE channel guide in appendix A.
26 Jan 2009	Corrected polarization for Hotbirds in appendix C and updated T-ASA's POC number to ext. 429
26 Jan 2009	Published version 3.22
18 Feb 2009	Changed name of Hotbird 7a to 9 and updated orbital position from 13 to 9 degrees in chapter 3
16 Mar 2009	Changed NSS-5 to NSS-9 changing frequencies and power levels in chapter 3 and appendix C and D.
24 Mar 2009	Published version 3.23
9 Apr 2009	Updated figure 3-7 Hotbird 9 coverage map. The pattern changed slightly.
25 Apr 2009	Corrected frequency for Hotbird 9 from 10.775 to 10.755 GHz in illustration 3-8.
28 Aug 2009	Added technologist number to the front page
9 Sept 2009	Updated radio services in appendix A and chapter 3. Max FM replaces Oldies, Gravity replaces The Touch, Legacy replaces Adult Rock, Tranceport replaces Bright AC
9 Sept 2009	Published version V3.24
8 Oct 2009	Changed the radio services and format of appendix A.
8 Oct 2009	Published version V3.25
20 Apr 2010	Added virtual channels 122 and 123 to European guide in appendix A
5 May 2010	In Appendix A – Japan/Korea listings Legacy and Max FM were flipped with each other. On Europe's listings changed the Hessian name to Weisbaden, and deleted the channels for Bavaria (17,172, 173).
5 May 2010	Published version V3.26

July 2010	Paul Claxton steps down from editor. Version 4.00
May 2011	Updated Appendix A radio services. Version 4.1
January 2012	Update/review all Chapters. Version 4.2

Notes: